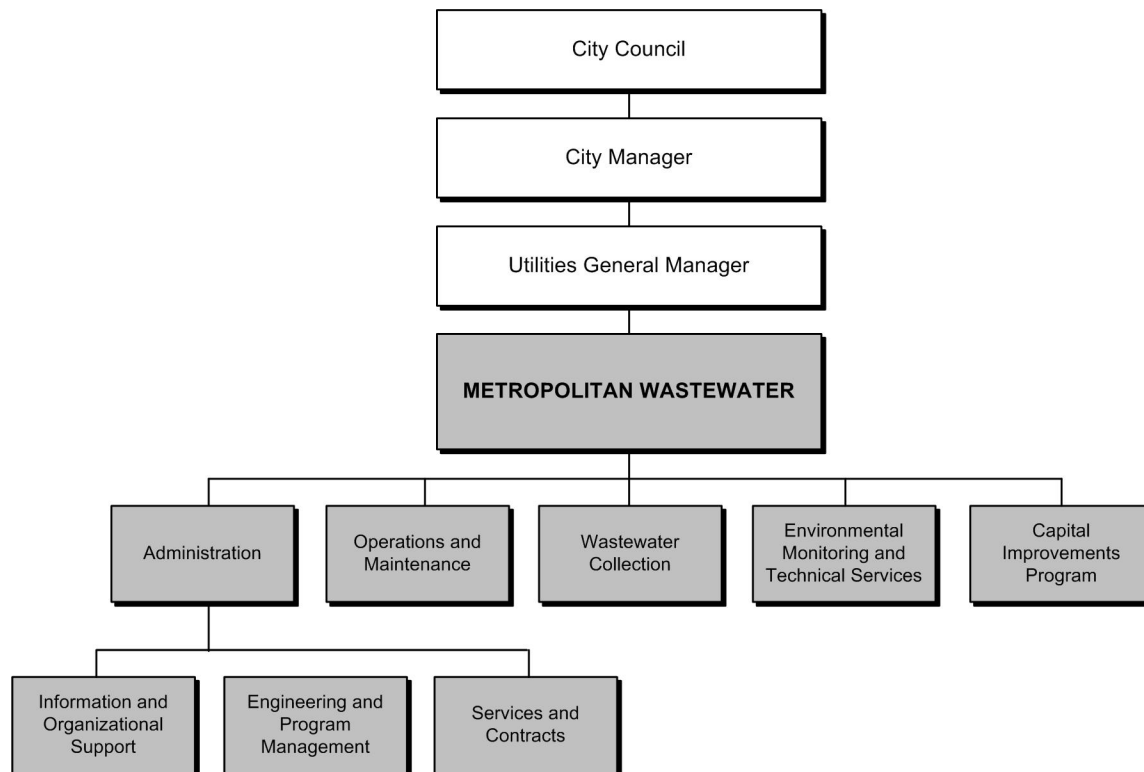




Metropolitan Wastewater



Metropolitan Wastewater



Mission Statement

Provide the public with a safe, efficient, and cost-effective regional sewer system that protects the environment, supplements our limited water supply and meets regulatory standards.

Department Description

The City of San Diego's Metropolitan Wastewater Department (MWWD) provides regional wastewater treatment and disposal services for approximately two million people living and working in 16 local cities and districts. This 450 square mile area is defined by Del Mar to the north, Alpine and Lakeside to the east, and the communities bordering Mexico to the south. MWWD manages all of the resources needed to operate and maintain the Metropolitan Sewerage System and provides for appropriate new infrastructure capacity to accommodate regional growth and economic vitality while protecting water quality and the environment. The Department is also responsible for operating and maintaining the Municipal Sewerage Collection System for the City of San Diego.

Metropolitan Wastewater

Division/Major Program Description

Administration

Information and Organizational Support

The Information and Organizational Support Division manages programs designed to facilitate the Department's mission statement. Such programs are focused on strategic planning, developing employee/organizational resources, implementing an environmental management system, fostering safe work environments and enabling the most appropriate technical solutions. Strategic Planning channels departmental efforts toward continuous improvement of effective business practices. Employee/Organizational Resources provides personnel/management guidance and career development, and administers the Department's health/medical program. Environmental Management Systems maintains the established ISO 14001 Certifications from the International Organization for Standardization in Geneva, Switzerland and works to expand the program department-wide. ISO Certification provides structure for an environmental management system that ensures MWWD's operation processes are environmentally safe and effective. The Safety and Training Program coordinates training and provides safety oversight to foster a safe and productive work environment. Technology Services manages the design, implementation and support of reliable technologies in a seamless, consistent manner.

Engineering and Program Management

The Engineering and Program Management Division administers and implements the Metropolitan and Municipal Wastewater Master Plans, which entail the planning, design, and construction of high quality, cost-effective and environmentally sound wastewater treatment and collection systems. Additionally, this Division provides planning and predesign of trunk sewers and pump stations, analysis of spill data, coordination of sewer main televising, and implementation assistance with the accelerated spill reduction and competitiveness implementation plan.

Services and Contracts

The Services and Contracts Division maintains sewage flow monitoring and provides data analysis in order to prepare reasonable and accurate flow reports for the City of San Diego, participating agencies, and municipal commercial customers. The Division also administers Department budgets, grant development, contract management, and MWWD's Equal Opportunity Contracting Program.

Metropolitan Wastewater

Division/Major Program Description (continued)

Capital Improvements Program

MWWD's Capital Improvements Program provides design and construction for treatment plants, pump stations, system upgrades, plant expansions, pipelines and other facilities, and conducts special studies designed to maintain the efficiency of the Metropolitan and Municipal Sewerage System. Design work is accomplished in-house or is contracted to private engineering firms. This Program provides for the rehabilitation, replacement and expansion of all wastewater collection system components by City forces and contractors.

Environmental Monitoring and Technical Services (EM&TS)

The EM&TS Division carries out several crucial programs in support of the treatment and disposal of wastewater. These include the Industrial Wastewater Control Program that regulates industrial discharges to the sewers, thereby preventing toxic substances from passing into the ocean, interfering with treatment processes, or contaminating the biosolids that result from treatment processes. Additionally, EM&TS operates a comprehensive ocean monitoring program to evaluate the effects of discharge into the Pacific Ocean from the City's wastewater treatment plant at Point Loma. It provides laboratory testing for process control and regulatory reporting purposes, ensures compliance with all regulatory permits, and oversees actions necessary to maintain the modified permit for the Point Loma Wastewater Treatment Plant. This Division has also obtained ISO 14001 Certification.

Operations and Maintenance

The Operations and Maintenance Division is responsible for the operation and maintenance of all wastewater treatment facilities including treatment and water reclamation facilities, major pump stations, and biosolids processing. The Division is the first publicly owned wastewater treatment operation in the nation to receive ISO 14001 Certification.

Wastewater Collection

The Wastewater Collection Division provides the ongoing preventive cleaning, maintenance, and repair of the Municipal Sewerage Collection System, including emergency removal of sewer line stoppages, equipment overhaul and repair, on-site facility inspections, and maintenance of the structural integrity of sewer mains and manholes in the collection system. Additionally, the construction section of this Division performs repairs and replacement of sewer laterals in the public right-of-way areas. The Division also administers the Food Establishment Wastewater Discharge Permitting Program, which is responsible for permitting and compliance monitoring of food establishments to minimize the discharge of grease into the wastewater collection system.

Metropolitan Wastewater

Service Efforts and Accomplishments

MWWD has made significant strides toward meeting the Mayor's Goal #4: Clean up our beaches and bays; and Goal #9: Pursue energy independence. In support of the Mayor's Goal #4, sewer spills were reduced from 316 in Fiscal Year 2001 to 226 in Fiscal Year 2002. This substantial reduction in sewer spills reflects the significant acceleration in sewer pipeline condition assessment, cleaning, repair, rehabilitation and replacement over the past year. The nation's first Flow

Monitoring Alarm System has been in operation since September 2000, allowing the Department to monitor wastewater flow conditions in major sewer lines to enhance the ability to detect major sewer overflows or potential spills. In addition, the Centralized Operations Management Network (COMNET) provides the ability to monitor and control sewage flows in the greater San Diego Metropolitan Sewerage Network from a central control and information center, further promoting greater responsiveness and reliability of the sewerage system. In support of the Mayor's Goal #9, the Point Loma Wastewater Treatment Plant (PLWTP), the North City Water Reclamation Plant (NCWRP), and the Metro Biosolids Center (MBC) all utilize co-generation facilities, converting methane gas into electrical and thermal energy, saving ratepayers millions of dollars while reducing power consumption from the grid. A hydroelectric power generation facility is also in operation at the Point Loma Plant. Additionally, MWWD is a participant in San Diego Gas and Electric's Rolling Blackout Reduction Program. In case of a power outage, certain facilities and sewer pump station electric loads are transferred remotely to their respective emergency generators.

Future Outlook

Strategic Business Plan

The goal of the Metropolitan Wastewater Department's Strategic Business Plan is to ensure that the ratepayers and other key stakeholders receive the most effective wastewater services possible. The plan is a 10-year integrated projection of business goals and objectives covering all aspects of infrastructure planning, financing, operations and maintenance, customer service, and employee team building. Strategies are developed and reviewed each year in the context of supporting the Department's stated vision and mission as well as the goals of the Mayor and City Council.

The following items relate to the Mayor's Goal #4, Clean up our beaches and bays.

Increased Reclaimed Water Capacity – South Bay Water Reclamation Plant

The South Bay Water Reclamation Plant (SBWRP) began operation in June 2002. Wastewater is treated to the tertiary level and then disinfected by irradiation with ultraviolet light. The reclaimed water is available for use as plant process water and may also be marketed for industrial, agricultural, and landscape uses. Construction of the Otay River Pump Station has begun, with expected completion in December 2003. The addition of this pump station will allow the SBWRP to run at full capacity, reclaiming up to 15 million gallons of water per day (MGD). The full operation of the 30 MGD NCWRP and the 15 MGD SBWRP will enhance opportunities for maximizing the beneficial use of reclaimed water.

Beneficial Reuse of Biosolids

MWWD's Operations and Maintenance Division has been working with the Environmental Services Department and the City's contractor for biosolids disposal on a cost-effective method to beneficially use our biosolids. The biosolids generated by the treatment processes at the Point Loma Wastewater Treatment Plant and the North City Water Reclamation Plant are sent to the Metro Biosolids Center for dewatering, processing, and preparation for final disposal.

With MWWD's support, the contractor received tentative approval from the San Diego Regional Water Quality Control Board to initiate a demonstration project that utilizes biosolids as an alternative daily cover at the Otay Landfill. The demonstration project is currently in progress and is producing benefits for both MWWD and the contractor.

International Cooperation

The ongoing partnership between San Diego and Tijuana, Mexico, to enhance the collection and treatment of the region's wastewater and to reduce environmental impacts will continue. As part of this collaborative effort, the increasing regional benefits include the potential sale of reclaimed water and the continuing agreement for the use of the emergency connection. The Environmental Monitoring and Technical Services Division is also providing training and assistance for their Mexican counterparts in controlling industrial inputs to the sewer. This work is being funded by the State of California.

Metropolitan Wastewater

Future Outlook (continued)

Spill Prevention/Management Efforts

New efforts are being made to prevent/manage sewer spills in remote areas. An Aerial Remote Sensing Pilot Project will utilize San Diego Police helicopters to provide real time thermal imagery and serial videography to detect sewage spills. The Collection Overflow Prevention System is an additional pilot project designed to detect and prevent potential sewer spills by installing floats and sensors in manholes located in remote areas. The pilot project is scheduled for completion in Fiscal Year 2004. A Mobile Data Unit (MDU) Field Project has been designed to allow field crews to collect and manage more accurate data from the various canyon inspections. The initial phase of the MDU project has been completed.

Budget Dollars at Work

Nearly 3,000 Miles of municipal sewer system mains in service

21.50 Miles of sludge disposal lines in service

73,000+ Million gallons per year in total metropolitan sewage flow treated

9.00 Miles of ocean outfall line in service

83 Sewer pump stations in service

Metropolitan Wastewater				
	FY 2002 ACTUAL	FY 2003 BUDGET	FY 2004 FINAL	FY 2003-2004 CHANGE
Positions	974.72	1,058.72	1,054.72	(4.00)
Personnel Expense	\$ 66,695,111	\$ 71,630,398	\$ 79,102,851	\$ 7,472,453
Non-Personnel Expense	<u>\$ 333,290,675</u>	<u>\$ 375,236,142</u>	<u>\$ 385,892,974</u>	<u>\$ 10,656,832</u>
TOTAL	\$ 399,985,786	\$ 446,866,540	\$ 464,995,825	\$ 18,129,285

Metropolitan Wastewater

Department Staffing

	FY 2002 ACTUAL	FY 2003 BUDGET	FY 2004 FINAL
MUNICIPAL SEWER FUND			
Wastewater Collection			
Division Administration	2.00	2.00	2.00
Division Support Services	22.75	16.00	16.00
Engineering Services	16.00	16.00	16.00
FEWD	14.00	18.00	18.00
Main Cleaning & Stoppage Removal	74.00	140.00	140.00
Planning/Scheduling Services	0.00	6.00	6.00
Sewer Lateral Maint & Install	19.05	19.05	19.05
Sewer Main & Manhole Rep/Maint	51.50	67.95	67.95
Sewer Pump Station Ops & Maint	49.70	58.00	58.00
Total	249.00	343.00	343.00
CIP/Muni Construction			
CIP/Muni Construction	16.00	15.00	14.00
Total	16.00	15.00	14.00
Environ Mon & Tech Services			
Industrial Waste Compliance	23.00	23.00	23.00
Industrial Waste Laboratory	29.00	29.00	29.00
Total	52.00	52.00	52.00
Operations and Maintenance			
Penasquitos Pump Station	1.50	1.50	1.50
Pump Station 64	8.00	8.50	8.50
Pump Station 65	2.00	1.50	1.50
Pump Station E Mission Gorge	3.50	3.50	3.50
San Pasqual Water Rec Plant	13.00	2.00	0.00
Total	28.00	17.00	15.00

Metropolitan Wastewater

Department Staffing (continued)

	FY 2002 ACTUAL	FY 2003 BUDGET	FY 2004 FINAL
Administration			
Agency Contracts	5.83	5.83	5.63
Municipal CIP Fiscal Support	5.70	5.70	5.70
Municipal Clerical Support	19.80	18.65	19.35
Municipal Director's Office	1.60	1.60	1.60
Municipal Division Management	0.90	0.90	0.90
Municipal Info & Org Support	1.50	1.50	1.50
Municipal Off Mgmnt Support	7.70	7.70	8.00
Municipal Policy Direction	1.20	1.20	1.20
Municipal Procurement Support	2.90	2.90	2.30
Municipal Safety and Training	4.00	4.60	4.60
Municipal Strat Plann & Perf Meas	1.30	1.30	1.30
Municipal Tech Services Group	6.40	10.25	10.70
Total	58.83	62.13	62.78
METROPOLITAN SEWER FUND			
Operations and Maintenance			
Metro Biosolids Center	47.00	48.00	48.00
Central Support Facility	88.50	80.50	80.50
Centralized Operations Management Network	6.00	1.00	1.00
Financial Services	12.50	13.50	13.50
Grove Avenue Pump Station	0.00	0.00	0.50
North City Water Rec Plant	41.00	39.00	39.00
Operations and Maintenance - Administration	3.00	3.00	3.00
Otay River Pump Station	0.00	0.00	0.50
Point Loma Wstwr Treat Plant	68.00	69.00	69.00
Pump Station #1	10.50	11.00	11.00
Pump Station #2	14.50	17.00	17.00
South Bay Water Rec Plant	28.00	28.00	28.00
Total	319.00	310.00	311.00
Environ Mon & Tech Services			
Administration	2.00	2.00	2.00
Biology/Ocean Operations	42.00	42.00	42.00
Business Support	7.00	7.00	7.00
Permits and Compliance	6.00	6.00	6.00
Wastewater Chemistry	49.00	49.00	49.00
Total	106.00	106.00	106.00

Metropolitan Wastewater

Department Staffing (continued)

	FY 2002 ACTUAL	FY 2003 BUDGET	FY 2004 FINAL
Administration			
Agency Contracts	7.17	7.17	7.37
Director's Office	3.80	3.80	3.80
Division Management	2.10	2.10	2.10
Division Support	42.20	39.35	38.65
Fiscal Review/Rates/Bonds	9.30	9.30	9.30
Info & Organizational Support	4.22	4.22	4.22
Office Management Support	18.30	18.30	18.00
Policy Direction	2.80	2.80	2.80
Procurement Support	7.10	7.10	4.70
Safety and Training	9.30	10.70	10.70
Strategic Planning & Perf Meas	3.00	3.00	3.00
Technology Services Group	12.60	21.75	22.80
Total	121.89	129.59	127.44
CIP/Metro New Construction			
CIP/Metro New Construction	24.00	24.00	23.50
Total	24.00	24.00	23.50
 Total Operating	 934.72	 1,019.72	 1,017.22
Total Capital Improvements Program	40.00	39.00	37.50
TOTAL SEWER FUNDS	974.72	1,058.72	1,054.72

Department Expenditures

	FY 2002 ACTUAL	FY 2003 BUDGET	FY 2004 FINAL
MUNICIPAL SEWER FUND			
Wastewater Collection			
Corrosion Control Services	\$ 32,247	\$ 70,001	\$ -
Division Administration	\$ 389,074	\$ 259,162	\$ 972,888
Division Support Services	\$ 13,460,573	\$ 10,442,023	\$ 20,552,161
Engineering Services	\$ 5,236,334	\$ 5,492,905	\$ 3,346,940
FEWD	\$ 796,847	\$ 1,532,251	\$ 1,506,010
Main Cleaning & Stoppage Removal	\$ 15,056,064	\$ 14,212,796	\$ 11,826,404
Planning/Scheduling Services	\$ 32,247	\$ 462,125	\$ 501,504
Sewer Lateral Maint & Install	\$ 2,762,306	\$ 1,983,612	\$ 2,290,271
Sewer Main & Manhole Rep/Maint	\$ 16,590,729	\$ 8,499,958	\$ 14,759,109
Sewer Pump Station Ops & Maint	\$ 6,167,730	\$ 7,306,009	\$ 7,177,366
Total	\$ 60,524,151	\$ 50,260,842	\$ 62,932,653
CIP/Muni Construction			
CIP/Muni Construction	\$ 65,993,068	\$ 70,073,390	\$ 93,019,274
Total	\$ 65,993,068	\$ 70,073,390	\$ 93,019,274

Metropolitan Wastewater

Department Expenditures (continued)

	FY 2002 ACTUAL	FY 2003 BUDGET	FY 2004 FINAL
Environ Mon & Tech Services			
Industrial Waste Compliance	\$ 1,451,930	\$ 1,995,134	\$ 2,229,767
Industrial Waste Laboratory	\$ 2,452,565	\$ 2,550,421	\$ 2,685,285
Non-Activity Related Items	\$ 1,284,283	\$ 740,374	\$ 734,768
Total	\$ 5,188,778	\$ 5,285,929	\$ 5,649,820
Operations and Maintenance			
Penasquitos Pump Station	\$ 1,146,518	\$ 698,745	\$ 874,910
Pump Station 64	\$ 2,242,511	\$ 2,947,821	\$ 3,297,577
Pump Station 65	\$ 556,042	\$ 803,528	\$ 823,726
Pump Station E Missn Gorge	\$ 371,480	\$ 646,877	\$ 630,655
San Pasqual Water Rec Plant	\$ 1,623,121	\$ 1,094,900	\$ 85,181
Total	\$ 5,939,672	\$ 6,191,871	\$ 5,712,049
Administration			
Administration - Muni	\$ 25,352	\$ -	\$ -
Agency Contracts	\$ 51,230	\$ 451,538	\$ 1,227,278
Municipal CIP Fiscal Support	\$ 94,753	\$ 438,614	\$ 1,098,186
Municipal Clerical Support	\$ 696,192	\$ 2,782,370	\$ 3,327,397
Municipal Director's Office	\$ 72,135	\$ 165,635	\$ 159,401
Municipal Division Management	\$ 22,487	\$ 72,427	\$ 418,506
Municipal Info & Org Support	\$ 33,857	\$ 230,312	\$ 633,029
Municipal Off Mgmnt Support	\$ 105,233	\$ 759,854	\$ 876,550
Municipal Policy Direction	\$ 27,969	\$ 126,303	\$ 294,590
Municipal Procurement Support	\$ 27,366	\$ 265,863	\$ 229,159
Municipal Safety and Training	\$ 40,787	\$ 411,829	\$ 439,543
Municipal Strat Plann & Perf Meas	\$ 23,426	\$ 121,680	\$ 136,088
Municipal Tech Services Group	\$ 313,446	\$ 3,025,127	\$ 4,975,789
Non-Activity Related Items ⁽¹⁾	\$ 27,263,902	\$ 56,971,348	\$ 46,392,646
Total	\$ 28,798,135	\$ 65,822,900	\$ 60,208,162
METROPOLITAN SEWER FUND			
Operations and Maintenance			
Metro Biosolids Center	\$ 13,117,058	\$ 11,733,476	\$ 12,715,220
Central Support Facility	\$ 15,626,029	\$ 15,543,272	\$ 19,026,835
Centralized Operations Management Network	\$ 3,070,632	\$ 182,465	\$ 127,629
Financial Services	\$ 3,647,054	\$ 3,468,827	\$ 4,902,776
Grove Avenue Pump Station	\$ 97,269	\$ 294,900	\$ 327,697
North City Water Rec. Plant	\$ 7,374,482	\$ 7,132,380	\$ 6,789,331
Operations and Maintenance - Administration	\$ 1,817,594	\$ 4,977,500	\$ 5,176,463
Otay River Pump Station	\$ -	\$ -	\$ 578,387
Point Loma Wstwr Treat Plant	\$ 12,964,770	\$ 11,706,843	\$ 13,230,945
Pump Station #1	\$ 2,428,100	\$ 3,026,222	\$ 2,423,262
Pump Station #2	\$ 6,676,725	\$ 7,179,024	\$ 6,878,685
South Bay Water Rec Plant	\$ 3,431,242	\$ 3,960,099	\$ 5,627,538
Total	\$ 70,250,955	\$ 69,205,008	\$ 77,804,768

⁽¹⁾ Includes Department's debt service and contingency reserve.

Metropolitan Wastewater

Department Expenditures (continued)

	FY 2002 ACTUAL	FY 2003 BUDGET	FY 2004 FINAL
Environ Mon & Tech Services			
Administration	\$ 368,394	\$ 291,137	\$ 1,097,936
Biology/ Ocean Operations	\$ 3,932,244	\$ 5,169,659	\$ 4,955,497
Business Support	\$ 522,106	\$ 675,934	\$ 571,076
Non-Activity Related Items	\$ 1,136,901	\$ 1,037,005	\$ 1,029,120
Permits and Compliance	\$ 670,042	\$ 831,241	\$ 875,994
Wastewater Chemistry	\$ 4,581,494	\$ 5,447,139	\$ 5,734,288
Total	\$ 11,211,181	\$ 13,452,115	\$ 14,263,911
Administration			
Agency Contracts	\$ 1,208,566	\$ 825,627	\$ 1,032,599
Capital Improvements	\$ 29,352	\$ -	\$ -
Director's Office	\$ 579,522	\$ 394,734	\$ 391,679
Division Management	\$ 421,865	\$ 172,907	\$ 408,887
Division Support	\$ 5,322,812	\$ 5,606,221	\$ 6,689,633
Fiscal Review/Rates/Bonds	\$ 1,197,682	\$ 822,108	\$ 816,866
Info & Organizational Support	\$ 840,799	\$ 648,157	\$ 2,020,835
Metro Wastewater - Admin	\$ 12,089	\$ -	\$ -
Non-Activity Related Items ⁽²⁾	\$ 73,144,708	\$ 79,822,067	\$ 96,902,108
Office Management Support	\$ 2,814,885	\$ 2,087,184	\$ 2,616,793
Policy Direction	\$ 467,140	\$ 313,425	\$ 689,370
Procurement Support	\$ 704,352	\$ 752,936	\$ 627,141
Safety and Training	\$ 1,085,390	\$ 970,181	\$ 1,025,912
Strategic Planning & Perf Meas	\$ 448,314	\$ 291,581	\$ 303,420
Technology Services Group	\$ 4,279,262	\$ 6,614,665	\$ 6,137,121
Total	\$ 92,556,738	\$ 99,321,793	\$ 119,662,364
CIP/Metro Construction			
CIP/Metro Construction	\$ 14,853,628	\$ 11,026,594	\$ 6,649,615
Total	\$ 14,853,628	\$ 11,026,594	\$ 6,649,615
CIP/Metro New Construction			
CIP/Metro New Construction	\$ 44,669,480	\$ 56,226,098	\$ 19,093,209
Total	\$ 44,669,480	\$ 56,226,098	\$ 19,093,209
 Total Operating	 \$ 274,469,610	 \$ 309,540,458	 \$ 346,233,727
Total Capital Improvements Program	\$ 125,516,176	\$ 137,326,082	\$ 118,762,098
TOTAL SEWER FUNDS	\$ 399,985,786	\$ 446,866,540	\$ 464,995,825

⁽²⁾ Includes the Department's debt service, contingency, and unallocated reserve.

Metropolitan Wastewater

Significant Budget Adjustments

MUNICIPAL SEWER FUND

Wastewater Collection	Positions	Cost
Salary and Benefit Adjustments Adjustments to reflect the annualization of the Fiscal Year 2003 negotiated salary compensation schedule, average salaries, fringe benefits and other personnel expense adjustments.	0.00 \$	2,511,928
Support for Sewer Main Televising Provides for the televising and condition assessment of selected sewer mains and manholes.	0.00 \$	7,227,285
Support for Assurance Program Reserve Provides for the establishment of an Assurance Program Reserve as a requirement of Bid to Goal to be offset by savings.	0.00 \$	4,000,000
Support for Optimization Initiative Addition of engineering and consultant services to assist the Department in optimizing its cleaning efforts in the cleaning and construction of sewer mains, as mandated by the Environmental Protection Agency.	0.00 \$	1,800,000
Support for Flow Metering Program Provides for meter acquisition and associated maintenance costs.	0.00 \$	605,392
Support for Stoppage Removals Provides for the acquisition of equipment to assist in the inspection, maintenance, and cleaning of sewers in canyons and environmentally sensitive lands.	0.00 \$	590,927
Support for Facility Maintenance and Field Support Provides additional funding for the payment of public liability claims for the Department.	0.00 \$	86,500
Support for the Food Establishment Wastewater Discharge (FEWD) Permitting Program Provides for additional vehicles to support currently budgeted employees performing permit inspections for the FEWD Permitting Program.	0.00 \$	64,256
Support for Pump Station Maintenance Provides for additional vehicles to support the maintenance of low flow diversion structures.	0.00 \$	62,334
Support for the Department's Information Technology (IT) Strategic Plan Additional hardware, software, and other non-personnel support in accordance with the Department's 10-Year IT Strategic Plan.	0.00 \$	15,014

Metropolitan Wastewater

Significant Budget Adjustments (continued)

MUNICIPAL SEWER FUND

Wastewater Collection	Positions	Cost
Support for Information Technology Funding has been reallocated according to a Citywide review of information technology budget requirements and priority analyses.	0.00 \$	(100,000)
Non-Discretionary Adjustments to reflect expenses that are determined outside of the Department's direct control. Examples of these adjustments include utilities, insurance, and rent.	0.00 \$	(514,279)
Onetime Expenditure Removal Reduction of prior year onetime appropriations.	0.00 \$	(1,388,055)
Transfer of Support for PISCES Project Transfer # 1: Transfer project management for PISCES related projects from Wastewater Collection to Administration (see Transfer # 3).	0.00 \$	(2,173,279)
Environ Mon & Tech Services	Positions	Cost
Salary and Benefit Adjustments Adjustments to reflect the annualization of the Fiscal Year 2003 negotiated salary compensation schedule, average salaries, fringe benefits and other personnel expense adjustments.	0.00 \$	379,222
Non-Discretionary Adjustments to reflect expenses that are determined outside of the Department's direct control. Examples of these adjustments include utilities, insurance, and rent.	0.00 \$	(15,331)
Operations & Maintenance	Positions	Cost
Salary and Benefit Adjustments Adjustments to reflect the annualization of the Fiscal Year 2003 negotiated salary compensation schedule, average salaries, fringe benefits and other personnel expense adjustments.	0.00 \$	123,751
Support for Flow Metering Provides for meter acquisition and associated maintenance costs.	0.00 \$	282,272
Support for the Department's Information Technology (IT) Strategic Plan Additional hardware, software, and other non-personnel support in accordance with the Department's 10-Year IT Strategic Plan.	0.00 \$	11,244

Metropolitan Wastewater

Significant Budget Adjustments (continued)

MUNICIPAL SEWER FUND

Operations & Maintenance	Positions	Cost
Transfer of Operations and Maintenance Division Staffing Between Metropolitan and Municipal Sewer Funds Transfer # 2: Redistribution of 1.00 Plant Technician II to finish the San Pasqual water reclamation plant closure (see Transfer # 5).	(1.00) \$	(63,694)
Reduction for San Pasqual Water Reclamation Plant Reduction of 1.00 Senior Wastewater Operations Supervisor and support due to the plant closure.	(1.00) \$	(216,078)
Non-Discretionary Adjustments to reflect expenses that are determined outside of the Department's direct control. Examples of these adjustments include utilities, insurance, and rent.	0.00 \$	(274,585)
Support for Contractual Services Provides for Department wide adjustments to existing miscellaneous contractual service obligations.	0.00 \$	(342,732)
Administration	Positions	Cost
Salary and Benefit Adjustments Adjustments to reflect the annualization of the Fiscal Year 2003 negotiated salary compensation schedule, average salaries, fringe benefits and other personnel expense adjustments.	0.00 \$	460,940
Transfer of Support for PISCES Project Transfer # 3: Transfer project management for PISCES related projects from Wastewater Collection to Administration (see Transfer # 1).	0.00 \$	2,173,279
Support for the Spring Valley Sewer Trunk Line Provides for the use of the Spring Valley sewer trunk line, which is owned by the Spring Valley Sanitation District.	0.00 \$	780,307
45-Day Operating Reserve Addition of support for the Department's contingency needs.	0.00 \$	650,050
Support for the Citywide General Ledger Application Provides for a portion of the upgrade to the Citywide General Ledger Application.	0.00 \$	600,000
Support for Contractual Services City Forces Provides support for staff in other City departments funded through Service Level Agreements with MWWD.	0.00 \$	499,471
Non-Discretionary Adjustments to reflect expenses that are determined outside of the Department's direct control. Examples of these adjustments include utilities, insurance, and rent.	0.00 \$	409,153

Metropolitan Wastewater

Significant Budget Adjustments (continued)

MUNICIPAL SEWER FUND

Administration	Positions	Cost
Support for the Department's Information Technology (IT) Strategic Plan Additional hardware, software, and other non-personnel support in accordance with the Department's 10-Year IT Strategic Plan.	0.00 \$	350,775
Support for Feasibility Studies Provides support to investigate the feasibility and cost associated with specialized work at the large pump stations and to determine if identified energy projects should be implemented.	0.00 \$	307,500
Support for Project Environmental Mitigation Provides environmental mitigation support for habitat restoration.	0.00 \$	292,800
Staffing and Support for Information Systems Management and Administration Addition of 0.15 Project Officer II, 0.30 Associate Civil Engineer, hardware, software, and other non-personnel support in accordance with the Department's 10-year Information Technology Strategic Plan (in conjunction with Administration - Metro).	0.45 \$	215,705
Support for Facility Maintenance Provides for addition of 0.10 Building Service Technician and additional landscaping, janitorial, and courier services at the Metropolitan Operations Complex (in conjunction with Administration - Metro).	0.10 \$	116,496
Transfer of Administration Division Staffing Between Metropolitan and Municipal Sewer Funds Transfer #4: Transfer of 0.70 Assistant Civil Engineer from Administration-Metro (see Transfer #6).	0.70 \$	58,436
Support for Contractual Services Provides for Department-wide adjustments to existing miscellaneous contractual service obligations.	0.00 \$	49,078
Support for the Health, Safety, and Training Program Provides for indoor air quality testing instruments, two noise dosimeters, Department Operation Center cell phone docking stations, and five 800 MHz radio stations.	0.00 \$	28,815
Reduction for Purchasing Reduction of 0.30 Senior Procurement Specialist and 0.30 Procurement Specialist (in conjunction with Administration - Metro).	(0.60) \$	(45,677)
Reduction in As-Needed Consultant Services Reduction of support for expert witness services associated with departmental audits.	0.00 \$	(162,675)
Onetime Expenditure Removals Reduction of prior year onetime appropriations.	0.00 \$	(239,816)

Metropolitan Wastewater

Significant Budget Adjustments (continued)

MUNICIPAL SEWER FUND

Administration	Positions	Cost
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Support for Information Technology	0.00	\$ (810,357)
Funding has been reallocated according to a Citywide review of information technology		

Redistribution of Debt Service Payment	0.00	\$ (11,349,018)
Reallocation of debt service payment from the Municipal to the Metropolitan Sewer Fund.		

CIP/Muni Construction	Positions	Cost
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Support for Capital Improvements Program	0.00	\$ 23,007,975
Provides for Department wide adjustments to support Capital Improvements Program.		

Non Discretionary Adjustments	0.00	\$ (81,600)
Adjustments to reflect expenses that are determined outside of the Department's direct control. Examples of these adjustments include utilities, insurance, and rent.		

Reduction in Wastewater Operations Management Network Support	(1.00)	\$ (96,703)
Reduction of 1.00 Associate Civil Engineer due to decreased Wastewater Operations Management Network requirements.		

METROPOLITAN SEWER FUND

Operations & Maintenance	Positions	Cost
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Salary and Benefit Adjustments	0.00	\$ 2,521,066
Adjustments to reflect the annualization of the Fiscal Year 2003 negotiated salary compensation schedule, average salaries, fringe benefits and other personnel expense adjustments.		

Non-Discretionary	0.00	\$ 2,296,822
Adjustments to reflect expenses that are determined outside of the Department's direct control. Examples of these adjustments include utilities, insurance, and rent.		

Support for Increased Chemical Costs	0.00	\$ 1,391,511
Provides for an increase in the cost of ferric chloride chemicals which are used at the Point Loma Wastewater Treatment Plant, the North City Water Reclamation Plant, the Metro Biosolids Center, and the South Bay Water Reclamation Plant.		

Support for Central Facility	0.00	\$ 897,103
Provides additional support for the repair and maintenance of MWWD facilities.		

Support for Biosolids Disposal	0.00	\$ 649,232
Provides support for the contractual obligation of disposing of 128,000 wet tons of biosolids.		

Metropolitan Wastewater

Significant Budget Adjustments (continued)

METROPOLITAN SEWER FUND

Operations & Maintenance	Positions	Cost
Support for the Otay River Pump Station Provides for start-up costs of this new facility including miscellaneous contractual services, chemicals, machine parts, and other various non-personnel expenses.	0.00 \$	514,152
Support for Contractual Services Provides for Department-wide adjustments to existing miscellaneous contractual service obligations.	0.00 \$	265,173
Support for Permit Fees Provides for an increase in the annual permit fees for the Point Loma Wastewater Treatment Plant as mandated by the State Water Resources Control Board.	0.00 \$	201,087
Support for the Department's Information Technology (IT) Strategic Plan Additional hardware, software, and other non-personnel support in accordance with the Department's 10-Year IT Strategic Plan.	0.00 \$	133,800
Support for Flow Metering Provides for meter acquisition and associated maintenance costs.	0.00 \$	66,120
Transfer of Operations and Maintenance Division Staffing Between Metropolitan and Municipal Sewer Funds Transfer # 5: Redistribution of 1.00 Plant Technician II to finish the San Pasqual water reclamation plant closure (see Transfer # 2).	1.00 \$	63,694
Support for Information Technology Funding has been reallocated according to a Citywide review of information technology budget requirements and priority analyses.	0.00 \$	(400,000)
Environ Mon & Tech Services	Positions	Cost
Salary and Benefit Adjustments Adjustments to reflect the annualization of the Fiscal Year 2003 negotiated salary compensation schedule, average salaries, fringe benefits and other personnel expense adjustments.	0.00 \$	641,946
Support for the Environmental Monitoring and Technical Services Laboratory Provides for moving costs, start-up obligations, and equipment for the new laboratory and office space located at the Naval Training Center.	0.00 \$	529,045
Support for Wastewater Chemistry Provides contingency support for equipment failure/replacement at the Alvarado Laboratory, and the outlying sites at North City and South Bay Water Reclamation Plants.	0.00 \$	238,000

Metropolitan Wastewater

Significant Budget Adjustments (continued)

METROPOLITAN SEWER FUND

Environ Mon & Tech Services	Positions	Cost
Non-Discretionary Adjustments to reflect expenses that are determined outside of the Department's direct control. Examples of these adjustments include utilities, insurance, and rent.	0.00	\$ 52,805
Onetime Expenditure Removals Reduction of prior year onetime appropriations.	0.00	\$ (650,000)
Administration	Positions	Cost
Salary and Benefit Adjustments Adjustments to reflect the annualization of the Fiscal Year 2003 negotiated salary compensation schedule, average salaries, fringe benefits and other personnel expense adjustments.	0.00	\$ 947,064
Redistribution of Debt Service Payment Reallocation of debt service payment from the Municipal to the Metropolitan Sewer Fund.	0.00	\$ 11,353,630
State Revolving Fund Loan Repayment Adjustment to reflect the Department's State Revolving Fund Loan payment obligation.	0.00	\$ 4,892,608
Support for the Citywide General Ledger Application Provides for a portion of the upgrade to the Citywide General Ledger Application.	0.00	\$ 1,400,000
Staffing and Support for Information Systems Management and Administration Addition of 0.35 Project Officer II, 0.70 Associate Civil Engineer, hardware, software, and other non-personnel support in accordance with the Department's 10-year IT Strategic Plan (in conjunction with Administration - Muni).	1.05	\$ 845,609
Support for Feasibility Studies Provides support to investigate the feasibility and cost associated with specialized work at the large pump stations and to determine if identified energy projects should be implemented.	0.00	\$ 717,500
Support for Project Environmental Mitigation Provides environmental mitigation support for habitat restoration.	0.00	\$ 683,200
Support for Information Technology Funding has been reallocated according to a Citywide review of information technology budget requirements and priority analyses.	0.00	\$ 394,440
Support for Facility Maintenance Reduces 0.10 Public Information Clerk and increases support for additional landscaping, janitorial, and courier services at the Metropolitan Operations Complex (in conjunction with Administration - Muni).	(0.10)	\$ 287,933

Metropolitan Wastewater

Significant Budget Adjustments (continued)

Administration	Positions	Cost
Support for Flow Metering Provides for meter acquisition and associated maintenance costs.	0.00 \$	269,044
Support for Contractual Services Provides for increases to existing miscellaneous contractual service obligations.	0.00 \$	121,516
45-Day Operating Reserve Addition of support for the Department's contingency needs.	0.00 \$	90,720
Support for Health, Safety, and Training Program Provides for indoor air quality testing instruments, two noise dosimeters, Department Operation Center cell phone docking stations, and five 800 MHz radio stations.	0.00 \$	67,235
Transfer of Administration Division Staffing Between Metropolitan and Municipal Sewer Funds Transfer #6: Transfer of 0.70 Assistant Civil Engineer to Administration-Muni (see Transfer #4).	(0.70) \$	(58,436)
Reduction for Purchasing Reduction of 0.70 Senior Procurement Specialist, 0.70 Procurement Specialist and 1.00 Word Processing Operator (in conjunction with Administration - Muni).	(2.40) \$	(155,214)
Reduction in As-Needed Consultant Services Reduction of support for expert witness services associated with departmental audits.	0.00 \$	(379,575)
Non-Discretionary Adjustments to reflect expenses that are determined outside of the Department's direct control. Examples of these adjustments include utilities, insurance, and rent.	0.00 \$	(523,131)
Onetime Expenditure Removals Reduction of prior year onetime appropriations.	0.00 \$	(613,572)

Metropolitan Wastewater

Significant Budget Adjustments (continued)

CIP/Metro Construction	Positions	Cost
Non-Discretionary Adjustments to reflect expenses that are determined outside of the Department's direct control. Examples of these adjustments include utilities, insurance, and rent.	0.00 \$	4,497
Support for Capital Improvements Program Provides for Department-wide adjustments to support Capital Improvements Program.	0.00 \$	(4,381,476)

CIP/Metro New Construction	Positions	Cost
Salary and Benefit Adjustments Adjustments to reflect the annualization of the Fiscal Year 2003 negotiated salary compensation schedule, average salaries, fringe benefits and other personnel expense adjustments.	0.00 \$	203,973
Non-Discretionary Adjustments to reflect expenses that are determined outside of the Department's direct control. Examples of these adjustments include utilities, insurance, and rent.	0.00 \$	491,492
Reduction in Wastewater Operations Management Network Support Reduction of 0.50 Project Officer II due to decreased Wastewater Operations Management Network requirements.	(0.50) \$	(55,482)
Support for Capital Improvements Program Provides for Department-wide adjustments to support Capital Improvements Program.	0.00 \$	(37,772,872)

Expenditures by Category

	FY 2002 ACTUAL	FY 2003 BUDGET	FY 2004 FINAL
PERSONNEL			
Salaries & Wages	\$ 52,390,569	\$ 54,427,996	\$ 56,138,090
Fringe Benefits	\$ 14,304,542	\$ 17,202,402	\$ 22,964,761
SUBTOTAL PERSONNEL	\$ 66,695,111	\$ 71,630,398	\$ 79,102,851
NON-PERSONNEL			
Supplies & Services	\$ 295,668,333	\$ 335,599,936	\$ 346,231,388
Information Technology	\$ 17,592,116	\$ 18,573,148	\$ 18,253,919
Energy/Utilities	\$ 13,712,867	\$ 17,300,790	\$ 18,323,548
Equipment Outlay	\$ 6,317,359	\$ 3,762,268	\$ 3,084,119
SUBTOTAL NON-PERSONNEL	\$ 333,290,675	\$ 375,236,142	\$ 385,892,974
TOTAL	\$ 399,985,786	\$ 446,866,540	\$ 464,995,825

Metropolitan Wastewater

Key Performance Measures

		FY 2002 ACTUAL	FY 2003 BUDGET	FY 2004 FINAL
TREATMENT AND DISPOSAL				
Unit cost for combined Point Loma Wastewater Treatment Plant activities per million gallons of sewage treated.	(1)	\$208	\$189	\$206
Unit cost for combined Metropolitan Biosolids Center activities per dry ton of biosolids processed and beneficially reused.		\$358	\$321	\$318
COLLECTION AND TRANSMISSION				
Miles of sewer mains replaced/rehabilitated/spot repaired		28.00	41.00	52.00
Number of sanitary sewer spills per 100 miles of pipe	(2)	7.81	9.10	8.00
OCEAN ENVIRONMENTAL MONITORING & PROTECTION				
Number of ocean samples taken and analyzed	(3)	16,491	16,240	10,353
Number of sanitary sewer spills to reach public water	(4)	21	27	25
SAFETY OF OPERATIONS				
Departmental Incidence Rate	(5)	6.83	9.00	9.00

(1) Budget variations from year to year can occur with this output measure due to the somewhat volatile nature of certain non-discretionary accounts (accounts estimated and allocated Citywide rather than by individual departments) such as energy and water. Additionally in Fiscal Year 2004 the cost of Ferric Chloride has increased by \$1.2 million or 60% and permits by \$0.2 million or 500%.

(2) The projected number of sanitary sewer spills per 100 miles of pipe in Fiscal Year 2004 represents the commitment made by the Metropolitan Wastewater Department to the Mayor and City Council in Calendar Year 2001 to reduce spills to the public water by 25% in Calendar Year 2004. The goal was calculated off the base year number of 365 spills and represents a maximum number. At all times, the Department strives to reduce spills below this target goal.

(3) The method for counting "ocean samples taken and analyzed" has been modified for Fiscal Year 2004 to better correspond to the sampling requirements specified in the City's National Pollutant Discharge Elimination System permits for Point Loma and South Bay wastewater discharges. Although the new tracking procedure lists fewer samples than in previous years, it does not reflect an actual reduction in sampling effort. Instead, the lower numbers represent the elimination of subsampling for same data types (e.g., CTD water column profiles) that was included previously due to the interpretation and reporting process.

(4) The projected number of sanitary sewer spills to reach public water in Fiscal Year 2004 represents the commitment made by the Metropolitan Wastewater Department to the Mayor and City Council in Calendar Year 2001 to reduce spills to the public water by 25% in Calendar Year 2004. The goal was calculated off the base year number of 34 spills and represents a maximum number. At all times, the Department strives to reduce spills below this target goal.

(5) Incidence Rate is based on the number of recordable injuries in a given period of time multiplied by 200,000, the number of hours worked in that period. The 200,000 figure is the base for 100 equivalent full time employees working 40 hours per week for 50 weeks per year. The latest National Incidence Rate figure for the Sanitary Services Industry is 9.00 as of Calendar Year 2001 and at all times the Department strives to reduce incidences below this figure.

Metropolitan Wastewater

Salary Schedule

MUNICIPAL SEWER FUND

Wastewater Collection - Muni

<i>Class</i>	<i>Position Title</i>	<i>FY 2003 Positions</i>	<i>FY 2004 Positions</i>	<i>Salary</i>	<i>Total</i>
1104	Account Clerk	1.00	1.00	\$ 32,826	\$ 32,826
1105	Administrative Aide I	2.00	1.00	\$ 37,987	\$ 37,987
1106	Sr Management Analyst	2.00	1.00	\$ 62,562	\$ 62,562
1107	Administrative Aide II	2.00	3.00	\$ 44,197	\$ 132,590
1153	Asst Engineer-Civil	6.00	6.00	\$ 60,046	\$ 360,276
1218	Assoc Management Analyst	2.00	2.00	\$ 55,514	\$ 111,028
1221	Assoc Engineer-Civil	3.00	4.00	\$ 70,525	\$ 282,102
1227	Assoc Planner	1.00	1.00	\$ 54,828	\$ 54,828
1293	Cement Finisher	1.00	1.00	\$ 44,773	\$ 44,773
1376	Wastewater Pretreatment Inspector III	1.00	1.00	\$ 62,468	\$ 62,468
1423	Sr Drafting Aide	1.00	1.00	\$ 46,528	\$ 46,528
1436	Equipment Technician I	18.50	19.00	\$ 37,175	\$ 706,326
1438	Equipment Technician II	11.50	11.00	\$ 41,498	\$ 456,478
1439	Equipment Operator I	40.00	42.00	\$ 39,455	\$ 1,657,090
1440	Equipment Operator II	10.00	10.00	\$ 43,568	\$ 435,676
1441	Equipment Technician III	1.00	1.00	\$ 45,353	\$ 45,353
1445	Equipment Operator III	2.00	2.00	\$ 45,480	\$ 90,960
1467	Grounds Maintenance Worker I	1.00	1.00	\$ 27,651	\$ 27,651
1468	Grounds Maintenance Worker II	1.00	0.00	\$ -	\$ -
1488	General Water Utility Supv	4.00	5.00	\$ 60,622	\$ 303,110
1513	Heavy Truck Driver I	2.00	2.00	\$ 37,726	\$ 75,451
1535	Clerical Assistant II	2.00	2.00	\$ 30,468	\$ 60,935
1555	Junior Engineering Aide	1.00	0.00	\$ -	\$ -
1579	Laborer	2.00	2.00	\$ 29,971	\$ 59,941
1624	Biologist II	1.00	1.00	\$ 53,549	\$ 53,549
1648	Payroll Specialist II	2.00	2.00	\$ 36,573	\$ 73,145
1666	Plant Process Control Electrician	8.00	8.00	\$ 52,294	\$ 418,348
1668	Plant Process Control Supv	6.00	6.00	\$ 58,055	\$ 348,330
1727	Principal Engineering Aide	6.00	6.00	\$ 52,762	\$ 316,575
1734	Principal Water Utility Supv	1.00	1.00	\$ 55,129	\$ 55,129
1746	Word Processing Operator	1.00	1.00	\$ 33,015	\$ 33,015
1777	Public Info Officer	1.00	1.00	\$ 46,423	\$ 46,423
1855	Sr Civil Engineer	1.00	1.00	\$ 81,581	\$ 81,581
1861	Sr Engineering Aide	23.00	23.00	\$ 45,192	\$ 1,039,410
1870	Senior Water Utility Supv	13.00	13.00	\$ 49,389	\$ 642,062
1872	Sr Planner	1.00	1.00	\$ 66,738	\$ 66,738
1879	Sr Clerk/Typist	1.00	1.00	\$ 38,040	\$ 38,040

Metropolitan Wastewater

Salary Schedule (continued)

Wastewater Collection - Muni (Continued)

<i>Class</i>	<i>Position Title</i>	<i>FY 2003 Positions</i>	<i>FY 2004 Positions</i>	<i>Salary</i>	<i>Total</i>
1917	Supv Management Analyst	0.00	1.00	\$ 71,076	\$ 71,076
1978	Utility Worker I	100.00	94.00	\$ 31,988	\$ 3,006,870
1991	Water Utility Supv	22.00	24.00	\$ 44,746	\$ 1,073,914
1992	Water Utility Worker	36.00	38.00	\$ 34,581	\$ 1,314,094
2214	Deputy Director	1.00	1.00	\$ 104,853	\$ 104,853
	Asst Deputy Director	1.00	1.00	\$ 99,348	\$ 99,348
	Bilingual - Regular	0.00	0.00	\$ 22,724	\$ 22,724
	Reg Pay For Engineers	0.00	0.00	\$ 20,523	\$ 20,523
	Standby Pay	0.00	0.00	\$ 6,179	\$ 6,179
	Temporary Help	0.00	0.00	\$ 69,442	\$ 69,442
	Overtime Budgeted	0.00	0.00	\$ 810,533	\$ 810,533
	Tech Cert Pay	0.00	0.00	\$ 120,584	\$ 120,584
	Total	343.00	343.00		\$ 15,079,424

Enviro Monitoring & Tech Services - Muni

<i>Class</i>	<i>Position Title</i>	<i>FY 2003 Positions</i>	<i>FY 2004 Positions</i>	<i>Salary</i>	<i>Total</i>
1136	Asst Chemist	11.00	11.00	\$ 56,850	\$ 625,350
1160	Asst Laboratory Technician	2.00	2.00	\$ 35,760	\$ 71,520
1220	Assoc Chemist	5.00	5.00	\$ 66,124	\$ 330,619
1375	Wastewater Pretreatment Inspector II	5.00	5.00	\$ 56,169	\$ 280,843
1376	Wastewater Pretreatment Inspector III	4.00	4.00	\$ 62,468	\$ 249,872
1378	Supv Wastewater Pretreatment Inspect	2.00	2.00	\$ 71,207	\$ 142,413
1465	Field Representative	2.00	2.00	\$ 34,267	\$ 68,534
1527	HazMat Inspector II	5.00	5.00	\$ 58,134	\$ 290,668
1528	Wastewater Pretreatment Program Mgr	1.00	1.00	\$ 77,992	\$ 77,992
1535	Clerical Assistant II	1.00	1.00	\$ 30,468	\$ 30,468
1580	Laboratory Technician	9.00	9.00	\$ 41,917	\$ 377,253
1746	Word Processing Operator	2.00	2.00	\$ 33,015	\$ 66,030
1854	Sr Chemist	1.00	1.00	\$ 76,184	\$ 76,184
1879	Sr Clerk/Typist	1.00	1.00	\$ 38,040	\$ 38,040
1896	Supv HazMat Inspector	1.00	1.00	\$ 71,206	\$ 71,206
	Overtime Budgeted	0.00	0.00	\$ 60,329	\$ 60,329
	Total	52.00	52.00		\$ 2,857,321

Metropolitan Wastewater

Salary Schedule (continued)

Operations and Maintenance - Muni

<i>Class</i>	<i>Position Title</i>	<i>FY 2003 Positions</i>	<i>FY 2004 Positions</i>	<i>Salary</i>	<i>Total</i>
1372	Pump Station Operator	5.00	5.00	\$ 44,603	\$ 223,016
1373	Pump Station Operations Supv	1.00	1.00	\$ 50,088	\$ 50,088
1523	Instrumentation & Control Tech	2.00	2.00	\$ 52,282	\$ 104,563
1652	Plant Technician I	1.00	1.00	\$ 39,664	\$ 39,664
1653	Plant Technician II	4.00	3.00	\$ 43,593	\$ 130,780
1666	Plant Process Control Electrician	2.00	2.00	\$ 52,293	\$ 104,586
1669	Plant Technician Supv	1.00	1.00	\$ 55,330	\$ 55,330
1888	Sr Wastewater Operation Supv	1.00	0.00	\$ -	\$ -
	Overtime Budgeted	0.00	0.00	\$50,001	\$ 50,001
	Total	17.00	15.00		\$ 758,028

Administration - Muni

<i>Class</i>	<i>Position Title</i>	<i>FY 2003 Positions</i>	<i>FY 2004 Positions</i>	<i>Salary</i>	<i>Total</i>
1104	Account Clerk	1.00	1.00	\$ 32,826	\$ 32,826
1106	Sr Management Analyst	4.40	4.70	\$ 62,561	\$ 294,036
1107	Administrative Aide II	2.30	2.60	\$ 44,197	\$ 114,911
1153	Asst Engineer-Civil	5.40	6.10	\$ 60,046	\$ 366,281
1157	Asst Engineer-Electrical	0.80	0.80	\$ 61,408	\$ 49,126
1167	Asst Engineer-Mechanical	0.30	0.30	\$ 61,407	\$ 18,422
1218	Assoc Management Analyst	5.25	5.25	\$ 55,514	\$ 291,447
1221	Assoc Engineer-Civil	6.50	6.30	\$ 70,526	\$ 444,313
1223	Assoc Engineer-Electrical	0.80	0.80	\$ 70,866	\$ 56,693
1225	Assoc Engineer-Mechanical	0.30	0.30	\$ 70,867	\$ 21,260
1227	Assoc Planner	0.30	0.30	\$ 54,830	\$ 16,449
1243	Info Systems Administrator	0.30	0.30	\$ 78,360	\$ 23,508
1273	Building Maintenance Supv	0.30	0.30	\$ 64,577	\$ 19,373
1274	Building Supv	0.90	0.60	\$ 41,863	\$ 25,118
1275	Building Services Supv	0.30	0.30	\$ 48,727	\$ 14,618
1280	Building Service Technician	0.00	0.60	\$ 34,345	\$ 20,607
1282	Procurement Specialist	0.30	0.00	\$ -	\$ -
1348	Info Systems Analyst II	1.90	1.90	\$ 56,143	\$ 106,671
1349	Info Systems Analyst III	0.30	0.30	\$ 62,953	\$ 18,886
1401	Info Systems Technician	2.10	2.10	\$ 43,593	\$ 91,546
1422	Drafting Aide	0.30	0.30	\$ 40,753	\$ 12,226
1423	Sr Drafting Aide	0.30	0.30	\$ 46,527	\$ 13,958
1527	HazMat Inspector II	0.30	0.30	\$ 58,133	\$ 17,440
1535	Clerical Assistant II	3.90	3.90	\$ 30,468	\$ 118,824
1614	Org Effectiveness Specialist II	0.30	0.30	\$ 56,093	\$ 16,828
1648	Payroll Specialist II	0.30	0.30	\$ 36,573	\$ 10,972
1727	Principal Engineering Aide	1.30	1.30	\$ 52,762	\$ 68,591

Metropolitan Wastewater

Salary Schedule (continued)

Administration - Muni (Continued)

<i>Class</i>	<i>Position Title</i>	<i>FY 2003 Positions</i>	<i>FY 2004 Positions</i>	<i>Salary</i>	<i>Total</i>
1746	Word Processing Operator	2.90	2.90	\$ 33,016	\$ 95,745
1751	Project Officer I	0.30	0.30	\$ 68,483	\$ 20,545
1752	Project Officer II	0.60	0.75	\$ 81,473	\$ 61,105
1776	Public Information Clerk	2.00	2.00	\$ 33,063	\$ 66,125
1823	Safety Officer	1.20	1.20	\$ 61,408	\$ 73,690
1826	Safety Representative II	1.80	1.80	\$ 53,339	\$ 96,011
1830	Sr Mechanical Engineer	0.30	0.30	\$ 81,790	\$ 24,537
1844	Sr Account Clerk	0.30	0.30	\$ 38,197	\$ 11,459
1850	Sr Procurement Specialist	0.30	0.00	\$ -	\$ -
1855	Sr Civil Engineer	1.10	1.10	\$ 81,583	\$ 89,741
1863	Sr Electrical Engineer	0.30	0.30	\$ 81,790	\$ 24,537
1871	Sr Public Information Officer	0.60	0.60	\$ 54,917	\$ 32,950
1872	Sr Planner	0.30	0.30	\$ 66,737	\$ 20,021
1876	Executive Secretary	0.30	0.30	\$ 46,240	\$ 13,872
1879	Sr Clerk/Typist	1.20	0.90	\$ 38,040	\$ 34,236
1899	Stock Clerk	0.30	0.30	\$ 30,730	\$ 9,219
1910	Student Engineer	2.00	2.00	\$ 25,245	\$ 50,490
1915	Sr Power Plant Supv	0.30	0.30	\$ 64,960	\$ 19,488
1917	Supv Management Analyst	0.78	0.78	\$ 71,074	\$ 55,438
1926	Info Systems Analyst IV	1.50	1.50	\$ 70,001	\$ 105,002
1940	Supv Public Info Officer	0.30	0.30	\$ 63,190	\$ 18,957
1972	Safety & Training Manager	0.30	0.30	\$ 71,233	\$ 21,370
1980	Principal Utility Supv	0.30	0.30	\$ 55,330	\$ 16,599
2214	Deputy Director	0.60	0.60	\$ 110,022	\$ 66,013
2250	Asst Deputy Director	0.30	0.30	\$ 99,350	\$ 29,805
2267	MWWD Director	0.30	0.30	\$ 131,627	\$ 39,488
2270	Program Manager	0.90	0.90	\$ 110,028	\$ 99,025
2276	Asst MWWD Director	0.30	0.30	\$ 116,017	\$ 34,805
	Overtime Budgeted	0.00	0.00	\$ 2,964	\$ 2,964
	Total	62.13	62.78		\$ 3,518,167

CIP/Muni Construction

<i>Class</i>	<i>Position Title</i>	<i>FY 2003 Positions</i>	<i>FY 2004 Positions</i>	<i>Salary</i>	<i>Total</i>
1153	Asst Engineer-Civil	5.00	5.00	\$ 60,046	\$ 300,230
1221	Assoc Engineer-Civil	6.00	5.00	\$ 70,525	\$ 352,627
1227	Assoc Planner	1.00	1.00	\$ 54,828	\$ 54,828
1535	Clerical Assistant II	1.00	1.00	\$ 30,468	\$ 30,468
1727	Principal Engineering Aide	1.00	1.00	\$ 52,762	\$ 52,762
1855	Sr Civil Engineer	1.00	1.00	\$ 81,581	\$ 81,581
	Total	15.00	14.00		\$ 872,496

MUNICIPAL SEWER FUND TOTAL

489.13 486.78 \$ 23,085,436

Metropolitan Wastewater

Salary Schedule (continued)

METROPOLITAN SEWER FUND

Operations and Maintenance - Metro

<i>Class</i>	<i>Position Title</i>	<i>FY 2003 Positions</i>	<i>FY 2004 Positions</i>	<i>Salary</i>	<i>Total</i>
1104	Account Clerk	4.00	4.00	\$ 32,826	\$ 131,304
1107	Administrative Aide II	3.00	3.00	\$ 44,196	\$ 132,589
1134	Sr Wastewater Plant Operator	3.00	3.00	\$ 59,159	\$ 177,478
1218	Assoc Management Analyst	2.00	2.00	\$ 55,514	\$ 111,028
1221	Assoc Engineer-Civil	4.00	4.00	\$ 70,526	\$ 282,103
1223	Assoc Engineer-Electrical	1.00	1.00	\$ 70,866	\$ 70,866
1275	Building Services Supv	1.00	1.00	\$ 48,729	\$ 48,729
1372	Pump Station Operator	11.00	11.00	\$ 44,603	\$ 490,634
1373	Pump Station Operations Supv	1.00	1.00	\$ 50,092	\$ 50,092
1389	Custodian II	1.00	1.00	\$ 27,456	\$ 27,456
1423	Sr Drafting Aide	1.00	1.00	\$ 46,528	\$ 46,528
1440	Equipment Operator II	1.00	1.00	\$ 43,568	\$ 43,568
1512	Heavy Truck Driver II	4.00	4.00	\$ 39,428	\$ 157,712
1522	Instrumentation & Control Supv	5.00	5.00	\$ 60,098	\$ 300,490
1523	Instrumentation & Control Tech	13.00	13.00	\$ 52,282	\$ 679,666
1535	Clerical Assistant II	7.00	7.00	\$ 30,468	\$ 213,276
1602	Machinist	2.00	3.00	\$ 47,392	\$ 142,177
1635	Painter	2.00	2.00	\$ 43,961	\$ 87,921
1648	Payroll Specialist II	3.00	3.00	\$ 36,573	\$ 109,718
1652	Plant Technician I	24.00	23.00	\$ 39,664	\$ 912,268
1653	Plant Technician II	19.00	20.00	\$ 43,594	\$ 871,873
1654	Plant Technician III	13.00	13.00	\$ 47,812	\$ 621,554
1666	Plant Process Control Electrician	12.00	12.00	\$ 52,294	\$ 627,524
1668	Plant Process Control Supv	13.00	13.00	\$ 58,055	\$ 754,715
1669	Plant Technician Supv	9.00	9.00	\$ 55,330	\$ 497,972
1670	Principal Plant Technician Sup	2.00	2.00	\$ 66,989	\$ 133,978
1671	Sr Plant Technician Supv	11.00	11.00	\$ 63,373	\$ 697,108
1717	Power Plant Operator	6.00	6.00	\$ 49,436	\$ 296,616
1718	Power Plant Supv	3.00	3.00	\$ 56,234	\$ 168,703
1727	Principal Engineering Aide	1.00	1.00	\$ 52,762	\$ 52,762
1746	Word Processing Operator	6.00	6.00	\$ 33,015	\$ 198,090
1855	Sr Civil Engineer	4.00	4.00	\$ 81,581	\$ 326,324
1879	Sr Clerk/Typist	1.00	1.00	\$ 38,040	\$ 38,040
1883	Wastewater Treatment Superintendant	4.00	4.00	\$ 86,428	\$ 345,712
1887	Wastewater Operations Supv	33.00	33.00	\$ 65,598	\$ 2,164,731
1888	Sr Wastewater Operation Supv	13.00	13.00	\$ 75,320	\$ 979,156
1890	Wastewater Plant Operator	49.00	49.00	\$ 56,064	\$ 2,747,126
1899	Stock Clerk	5.00	5.00	\$ 30,730	\$ 153,651
1901	Storekeeper III	1.00	1.00	\$ 42,179	\$ 42,179
1902	Storekeeper I	6.00	6.00	\$ 35,787	\$ 214,719

Metropolitan Wastewater

Salary Schedule (continued)

Operations and Maintenance - Metro (Continued)

<i>Class</i>	<i>Position Title</i>	<i>FY 2003 Positions</i>	<i>FY 2004 Positions</i>	<i>Salary</i>	<i>Total</i>
1915	Sr Power Plant Supv	1.00	1.00	\$ 64,961	\$ 64,961
1917	Supv Management Analyst	1.00	1.00	\$ 71,076	\$ 71,076
1985	Welder	2.00	2.00	\$ 46,397	\$ 92,793
2214	Deputy Director	1.00	1.00	\$ 110,016	\$ 110,016
2250	Asst Deputy Director	1.00	1.00	\$ 99,348	\$ 99,348
	Reg Pay For Engineers	0.00	0.00	\$ 85,529	\$ 85,529
	Overtime Budgeted	0.00	0.00	\$ 1,083,796	\$ 1,083,796
	Temporary Help	0.00	0.00	\$ 61,787	\$ 61,787
	Tech Cert Pay	0.00	0.00	\$ 1,576	\$ 1,576
	Field Training Pay	0.00	0.00	\$ 10,300	\$ 10,300
	Total	310.00	311.00		\$ 17,829,318

Enviro Monitoring and Tech Services - Metro

<i>Class</i>	<i>Position Title</i>	<i>FY 2003 Positions</i>	<i>FY 2004 Positions</i>	<i>Salary</i>	<i>Total</i>
1104	Account Clerk	1.00	1.00	\$ 32,826	\$ 32,826
1107	Administrative Aide II	1.00	1.00	\$ 44,197	\$ 44,197
1136	Asst Chemist	31.00	31.00	\$ 56,850	\$ 1,762,349
1160	Asst Laboratory Technician	2.00	2.00	\$ 35,760	\$ 71,520
1218	Assoc Management Analyst	1.00	1.00	\$ 55,514	\$ 55,514
1220	Assoc Chemist	7.00	7.00	\$ 66,124	\$ 462,868
1221	Assoc Engineer-Civil	1.00	1.00	\$ 70,526	\$ 70,526
1266	Boat Operator	1.00	1.00	\$ 44,656	\$ 44,656
1267	Sr Boat Operator	1.00	1.00	\$ 49,114	\$ 49,114
1348	Info Systems Analyst II	2.00	2.00	\$ 56,143	\$ 112,286
1535	Clerical Assistant II	2.00	2.00	\$ 30,468	\$ 60,936
1580	Laboratory Technician	14.00	14.00	\$ 41,917	\$ 586,838
1610	Marine Biologist II	20.00	20.00	\$ 56,169	\$ 1,123,372
1611	Marine Biologist III	3.00	3.00	\$ 65,679	\$ 197,037
1622	Biologist III	1.00	1.00	\$ 65,233	\$ 65,233
1624	Biologist II	6.00	6.00	\$ 53,549	\$ 321,293
1648	Payroll Specialist II	1.00	1.00	\$ 36,573	\$ 36,573
1746	Word Processing Operator	1.00	1.00	\$ 33,015	\$ 33,015
1750	Project Assistant	1.00	1.00	\$ 60,006	\$ 60,006
1751	Project Officer I	1.00	1.00	\$ 68,481	\$ 68,481
1851	Sr Marine Biologist	1.00	1.00	\$ 74,402	\$ 74,402
1854	Sr Chemist	2.00	2.00	\$ 76,184	\$ 152,368
1872	Sr Planner	1.00	1.00	\$ 66,738	\$ 66,738
1879	Sr Clerk/Typist	2.00	2.00	\$ 38,040	\$ 76,080
2214	Deputy Director	1.00	1.00	\$ 110,016	\$ 110,016
2250	Asst Deputy Director	1.00	1.00	\$ 94,382	\$ 94,382
	Ex Perf Pay-Classified	0.00	0.00	\$ 4,848	\$ 4,848
	Overtime Budgeted	0.00	0.00	\$ 251,675	\$ 251,675
	Total	106.00	106.00		\$ 6,089,149

Metropolitan Wastewater

Salary Schedule (continued)

Administration - Metro

<i>Class</i>	<i>Position Title</i>	<i>FY 2003 Positions</i>	<i>FY 2004 Positions</i>	<i>Salary</i>	<i>Total</i>
1104	Account Clerk	3.00	3.00	\$ 32,826	\$ 98,478
1106	Sr Management Analyst	6.60	7.30	\$ 62,561	\$ 456,693
1107	Administrative Aide II	4.70	5.40	\$ 44,197	\$ 238,663
1153	Asst Engineer-Civil	8.60	7.90	\$ 60,046	\$ 474,365
1157	Asst Engineer-Electrical	2.20	2.20	\$ 61,408	\$ 135,098
1167	Asst Engineer-Mechanical	0.70	0.70	\$ 61,409	\$ 42,986
1218	Assoc Management Analyst	7.75	7.75	\$ 55,514	\$ 430,234
1221	Assoc Engineer-Civil	15.50	15.70	\$ 70,525	\$ 1,107,249
1223	Assoc Engineer-Electrical	1.70	1.70	\$ 70,866	\$ 120,472
1225	Assoc Engineer-Mechanical	0.70	0.70	\$ 70,866	\$ 49,606
1227	Assoc Planner	0.70	0.70	\$ 54,829	\$ 38,380
1243	Info Systems Administrator	0.70	0.70	\$ 78,357	\$ 54,850
1273	Building Maintenance Supv	0.70	0.70	\$ 64,579	\$ 45,205
1274	Building Supv	2.10	1.40	\$ 41,865	\$ 58,611
1275	Building Services Supv	0.70	0.70	\$ 48,729	\$ 34,110
1280	Building Service Technician	0.00	1.40	\$ 34,346	\$ 48,084
1282	Procurement Specialist	0.70	0.00	\$ -	\$ -
1348	Info Systems Analyst II	2.10	2.10	\$ 56,143	\$ 117,900
1349	Info Systems Analyst III	0.70	0.70	\$ 62,954	\$ 44,068
1401	Info Systems Technician	4.90	4.90	\$ 43,594	\$ 213,609
1422	Drafting Aide	0.70	0.70	\$ 40,753	\$ 28,527
1423	Sr Drafting Aide	0.70	0.70	\$ 46,529	\$ 32,570
1527	HazMat Inspector II	0.70	0.70	\$ 58,134	\$ 40,694
1535	Clerical Assistant II	8.10	8.10	\$ 30,468	\$ 246,791
1614	Org Effectiveness Specialist II	0.70	0.70	\$ 56,090	\$ 39,263
1648	Payroll Specialist II	0.70	0.70	\$ 36,573	\$ 25,601
1727	Principal Engineering Aide	2.70	2.70	\$ 52,763	\$ 142,460
1746	Word Processing Operator	6.60	5.60	\$ 33,015	\$ 184,883
1751	Project Officer I	0.70	0.70	\$ 68,481	\$ 47,937
1752	Project Officer II	1.40	1.75	\$ 81,477	\$ 142,584
1776	Public Information Clerk	4.00	3.00	\$ 33,062	\$ 99,186
1823	Safety Officer	2.80	2.80	\$ 61,408	\$ 171,943
1826	Safety Representative II	4.20	4.20	\$ 53,340	\$ 224,026
1830	Sr Mechanical Engineer	0.70	0.70	\$ 81,791	\$ 57,254
1844	Sr Account Clerk	0.70	0.70	\$ 38,196	\$ 26,737
1850	Sr Procurement Specialist	0.70	0.00	\$ -	\$ -
1855	Sr Civil Engineer	3.40	3.40	\$ 81,581	\$ 277,376
1863	Sr Electrical Engineer	0.70	0.70	\$ 81,791	\$ 57,254
1871	Sr Public Information Officer	1.40	1.40	\$ 54,916	\$ 76,882
1872	Sr Planner	0.70	0.70	\$ 66,739	\$ 46,717
1876	Executive Secretary	1.06	1.06	\$ 46,240	\$ 49,014
1879	Sr Clerk/Typist	2.80	2.10	\$ 38,040	\$ 79,884
1899	Stock Clerk	0.70	0.70	\$ 30,731	\$ 21,512
1910	Student Engineer	3.50	3.50	\$ 25,246	\$ 88,360
1915	Sr Power Plant Supv	0.70	0.70	\$ 64,961	\$ 45,473

Metropolitan Wastewater

Salary Schedule (continued)

Administration - Metro (Continued)

<i>Class</i>	<i>Position Title</i>	<i>FY 2003</i> <i>Positions</i>	<i>FY 2004</i> <i>Positions</i>	<i>Salary</i>	<i>Total</i>
1917	Supv Management Analyst	2.22	2.22	\$ 71,074	\$ 157,784
1926	Info Systems Analyst IV	3.50	3.50	\$ 70,001	\$ 245,005
1940	Supv Public Info Officer	0.70	0.70	\$ 63,190	\$ 44,233
1972	Safety & Training Manager	0.70	0.70	\$ 71,233	\$ 49,863
1980	Principal Utility Supv	0.70	0.70	\$ 55,330	\$ 38,731
2153	Deputy City Manager	0.36	0.36	\$ 171,144	\$ 61,612
2214	Deputy Director	1.40	1.40	\$ 104,621	\$ 146,470
2250	Asst Deputy Director	0.70	0.70	\$ 94,663	\$ 66,264
2267	MWWD Director	0.70	0.70	\$ 131,627	\$ 92,139
2270	Program Manager	2.10	2.10	\$ 94,645	\$ 198,754
2276	Asst MWWD Director	0.70	0.70	\$ 116,016	\$ 81,211
	Reg Pay For Engineers	0.00	0.00	\$ 94,399	\$ 94,399
	Temporary Help	0.00	0.00	\$ 27,738	\$ 27,738
	Overtime Budgeted	0.00	0.00	\$ 118,022	\$ 118,022
	Total	129.59	127.44		\$ 7,483,814

CIP/Metro New Construction

<i>Class</i>	<i>Position Title</i>	<i>FY 2003</i> <i>Positions</i>	<i>FY 2004</i> <i>Positions</i>	<i>Salary</i>	<i>Total</i>
1153	Asst Engineer-Civil	6.00	6.00	\$ 60,046	\$ 360,276
1221	Assoc Engineer-Civil	9.00	9.00	\$ 70,525	\$ 634,728
1223	Assoc Engineer-Electrical	0.50	0.50	\$ 70,866	\$ 35,433
1227	Assoc Planner	1.00	1.00	\$ 54,828	\$ 54,828
1727	Principal Engineering Aide	1.00	1.00	\$ 52,762	\$ 52,762
1750	Project Assistant	1.00	1.00	\$ 60,006	\$ 60,006
1751	Project Officer I	1.00	1.00	\$ 68,481	\$ 68,481
1752	Project Officer II	0.50	0.50	\$ 81,476	\$ 40,738
1855	Sr Civil Engineer	2.50	2.00	\$ 81,581	\$ 163,161
1875	Structural Engineering Sr	1.00	1.00	\$ 81,791	\$ 81,791
1910	Student Engineer	0.50	0.50	\$ 25,244	\$ 12,622
	Reg Pay For Engineers	0.00	0.00	\$ 16,417	\$ 16,417
	Overtime Budgeted	0.00	0.00	\$ 69,130	\$ 69,130
	Total	24.00	23.50		\$ 1,650,373

METROPOLITAN SEWER FUND TOTAL **569.59** **567.94** **\$ 33,052,654**

METROPOLITAN WASTEWATER TOTAL **1058.72** **1,054.72** **\$ 56,138,090**

Metropolitan Wastewater

Five-Year Expenditure Forecast

	FY 2004 FINAL	FY 2005 FORECAST	FY 2006 FORECAST	FY 2007 FORECAST	FY 2008 FORECAST	FY 2009 FORECAST
Positions	1017.22	948.22	948.22	948.22	948.22	948.22
Personnel Expense	\$ 75,647,702	\$ 74,371,563	\$ 76,652,710	\$ 78,952,291	\$ 81,320,860	\$ 83,760,486
Non-Personnel Expense	\$ 270,586,025	\$ 277,840,652	\$ 285,607,489	\$ 296,196,989	\$ 303,840,688	\$ 311,502,999
TOTAL EXPENDITURES	\$346,233,727	\$352,212,215	\$362,260,199	\$375,149,280	\$385,161,548	\$ 395,263,485

Excludes expenditures and positions associated with the Capital Improvements Program

Metropolitan Wastewater

Fiscal Year 2005

METROPOLITAN SEWER FUND

Administration

Information and Organizational Support

Reduction of prior year safety supplies.

Reduction in information technology (IT) support.

Increase in support for anticipated Five-Year Waiver application costs.

Services and Contracts

Reduction in equipment outlay related to onetime purchase of five flow meters in Fiscal Year 2004.

Purchase of five flow meters and associated maintenance.

Increase in debt service requirements.

Engineering and Program Management

Reduction of miscellaneous contractual services.

Increase in IT support.

Environmental Monitoring and Technical Services

Reduction of rent for Driscoll Wharf facilities due to NTC move.

Increase in IT support.

Increase in support based on the City's agreement with the Southern California Coastal Water Research Program.

Reduction of onetime expenses associated with the Division's move to NTC.

Metropolitan Wastewater

Five-Year Expenditure Forecast (continued)

	Metropolitan Wastewater
Fiscal Year 2005	METROPOLITAN SEWER FUND
	Operations and Maintenance
	Reduction of 2.00 Plant Operators at South Bay Water Reclamation Plant.
	Increase in IT support.
	Increase in chemicals and electricity associated with increased water reclamation.
	Increase in services to repair and maintain equipment at North City Water Reclamation Plant.
	Increase in contractual services and chemicals at Metro Biosolids Center.
	Increase in services to repair and maintain equipment at Metro Biosolids Center.
	Increase in contractual services and chemicals at South Bay Water Reclamation Plant.
	Annualization of support including electricity for Otay River Pump Station.
	Increase in electricity at Pump Stations 1 and 2.
	Increase in potable water at North City Water Reclamation Plant.
	MUNICIPAL SEWER FUND
	Administration
	Information and Organizational Support
	Increase in support for anticipated Five-Year Waiver application costs.
	Reduction of prior year safety supplies.
	Reduction in IT support.
	Engineering and Program Management
	Reduction in miscellaneous contractual services.
	Increase in IT support.
	Services and Contracts
	Increase in debt service requirements.

Metropolitan Wastewater

Five-Year Expenditure Forecast (continued)

Metropolitan Wastewater

Fiscal Year 2005

MUNICIPAL SEWER FUND

Environmental Monitoring and Technical Services

Increase in IT support.

Operations and Maintenance

Increase in IT support.

Increase in electrical and chemical expenses at all pump stations.

Wastewater Collection

Increase in IT support.

Reduction of 67.00 limited positions for the Sewer Pipeline Cleaning Program.

Reduction of support for onetime vehicle purchases.

Fiscal Year 2006

METROPOLITAN SEWER FUND

Administration

Information and Organizational Support

Reduction of contractual services.

Increase in IT support.

Reduction of support for Five-Year Waiver application costs.

Engineering and Program Management

Increase in IT support.

Services and Contracts

Reduction in equipment outlay related to purchase of five flow meters in Fiscal Year 2005.

Purchase of five flow meters and associated maintenance.

Increase in debt service requirements.

Environmental Monitoring and Technical Services - Metro -

Increase for the City wastewater treatment process waiver renewal.

Reduction in IT support.

Increase in anticipated overtime for additional sampling, laboratory or administrative duties.

Metropolitan Wastewater

Five-Year Expenditure Forecast (continued)

	Metropolitan Wastewater
Fiscal Year 2006	METROPOLITAN SEWER FUND
	Operations and Maintenance
	Reduction in IT support.
	Increase in chemicals and electricity associated with increase water reclamation at North City Water Reclamation Plant.
	Increase in services to repair and maintain equipment at North City Water Reclamation Plant.
	Increase in contractual services and chemicals at Metro Biosolids Center.
	Increase in chemicals at Point Loma Wastewater Treatment Plant.
	Increase in electricity costs for Pump Stations 1 and 2, and Otay River Pump Station.
	Increase in potable water at North City Water Reclamation Plant.
	MUNICIPAL SEWER FUND
	Administration
	Information and Organizational Support
	Reduction of contractual services.
	Increase in IT support.
	Reduction in support for Five-Year Waiver application costs.
	Engineering and Program Management
	Reduction in IT support.
	Services and Contracts
	Increase in debt service requirements.
	Environmental Monitoring and Technical Services
	Reduction in IT support.
	Operations and Maintenance
	Reduction in IT support.
	Increase in electrical and chemical expenses at all pump stations.
	Wastewater Collection
	Increase in IT support.

Metropolitan Wastewater

Five-Year Expenditure Forecast (continued)

Metropolitan Wastewater

Fiscal Year 2007

METROPOLITAN SEWER FUND

Administration

Information and Organizational Support

Increase in support for safety gas detection devices.

Reduction in IT support.

Reduction in support for Five-Year Waiver application costs.

Engineering and Program Management

Increase in IT support.

Services and Contracts

Reduction in equipment outlay related to purchase of five flow meters in Fiscal Year 2005.

Additional funding for purchase of five flow meters and associated maintenance.

Reduction in debt service requirements.

Environmental Monitoring and Technical Services

Reduction in IT support.

Operations and Maintenance

Reduction in IT support.

Increase in chemicals and electricity associated with increased water reclamation at North City Water Reclamation Plant.

Increase in chemicals and electricity at Metro Biosolids Center.

Increase in chemicals at Point Loma Wastewater Treatment Plant.

Increase in chemicals and electricity at the South Bay Water Reclamation Plant.

Increase in electricity costs for Pump Stations 1 and 2, and Otay River Pump Station.

Increase in potable water at North City Water Reclamation Plant.

Metropolitan Wastewater

Five-Year Expenditure Forecast (continued)

Metropolitan Wastewater	
Fiscal Year 2007	MUNICIPAL SEWER FUND
	Administration
	Information and Organizational Support
	Increase in support for safety gas detection devices
	Reduction in IT support.
	Reduction in support for Five-Year Waiver application costs.
	Engineering and Program Management
	Increase IT support.
	Services and Contracts
Fiscal Year 2008	Increase in debt service requirements.
	Increase in IT support.
	Environmental Monitoring and Technical Services
	Increase in IT support.
	Operations and Maintenance
	Increase in IT support.
	Increase in electrical and chemical expenses at all pump stations.
	Wastewater Collection
	Increase in IT support.
	METROPOLITAN SEWER FUND
	Administration
	Information and Organizational Support
	Increase in support for Safety dosimeters and miscellaneous equipment.
	Increase in IT support.
	Engineering and Program Management
	Reduction in IT support.
	Services and Contracts
	Increase in debt service requirements.
	Environmental Monitoring and Technical Services
	Increase in IT support.

Metropolitan Wastewater

Five-Year Expenditure Forecast, continued

Metropolitan Wastewater

Fiscal Year 2008

METROPOLITAN SEWER FUND

Operations and Maintenance

Reduction in IT support.

Increase in chemicals and electricity associated with increased water reclamation at North City Water Reclamation Plant.

Increase in chemicals and electricity at Metro Biosolids Center.

Increase in chemicals at Point Loma Wastewater Treatment Plant.

Increase in chemicals and electricity at the South Bay Water Reclamation Plant.

Increase in electricity costs for Pump Stations 1 and 2, and Otay River Pump Station.

MUNICIPAL SEWER FUND

Administration

Information and Organizational Support

Increase in support for safety dosimeters and miscellaneous equipment

Increase in IT support.

Engineering and Program Management

Reduction in IT support.

Services and Contracts

Increase in debt service requirements.

Reduction in IT support.

Environmental Monitoring and Technical Services

Increase in IT support.

Operations and Maintenance

Decrease in IT support.

Increase in electrical and chemical expenses at all pump stations.

Wastewater Collection

Reduction in IT support.

Metropolitan Wastewater

Five-Year Expenditure Forecast, continued

	Metropolitan Wastewater
Fiscal Year 2009	METROPOLITAN SEWER FUND
	Administration
	Information and Organizational Support
	Increase in IT support.
	Engineering and Program Management
	Decrease in IT support.
	Services and Contracts
	Increase in debt service requirements.
	Environmental Monitoring and Technical Services
	Reduction in IT support.
	Operations and Maintenance
	Reduction in IT support.
	MUNICIPAL SEWER FUND
	Administration
	Information and Organizational Support
	Increase in IT support.
	Engineering and Program Management
	Reduction in IT support.
	Services and Contracts
	Increase in debt service requirements.
	Reduction in IT support.
	Environmental Monitoring and Technical Services
	Increase in IT support.
	Operations and Maintenance
	Reduction in IT support.
	Increase in electrical and chemical expenses at all pump stations.
	Wastewater Collection
	Reduction in IT support.

Metropolitan Wastewater

Revenue and Expense Statement

SEWER FUND 41506 & 41509

	FY 2002 ACTUAL ⁽¹⁾	FY 2003 ESTIMATED ⁽²⁾	FY 2004 FINAL
BEGINNING BALANCES AND RESERVES			
Balance from Prior Year	\$ 99,458,164	\$ 54,237,963	\$ 53,260,624
Prior Year Continuing Appropriations	178,106,148	168,828,852	106,722,351
Prior Year Encumbrances Canceled	11,399,869	-	-
Balance from 45 Day Operating Reserve	19,819,496	22,180,965	25,551,917
Prior Year Balance Adjustment	28,170,787	-	-
TOTAL BALANCE	\$ 336,954,464	\$ 245,247,780	\$ 185,534,892
REVENUES			
CAPITAL IMPROVEMENTS PROGRAM			
Bond Proceeds	\$ -	\$ -	\$ 213,110,000
Interest on the Bond Fund	\$ -		\$ -
Contributions in Aid	\$ 7,347,772	-	\$ 7,083,111
Grants Receipts	\$ 3,295,040	3,372,974	\$ 963,198
Capacity Charges	\$ 18,742,675	17,191,008	\$ 18,000,000
State Revolving Fund Proceeds	\$ 316,163	12,856,884	\$ 3,163,039
Revenue From Other Agencies	\$ 439,203	-	\$ -
Change in Anticipated Contributions	(7,363,495)	1,200,000	\$ -
TOTAL CAPITAL IMPROVEMENTS PROGRAM	\$ 22,777,358	\$ 34,620,866	\$ 242,319,348
OPERATING REVENUES			
New Sewer Connections	\$ 207,084	\$ 261,187	\$ 200,000
Sewer Service Charges	\$ 181,297,726	\$ 194,186,481	\$ 208,488,168
Interest Earnings	\$ 23,074,000	\$ 15,081,168	\$ 14,500,000
Sewage Treatment Plant Services	\$ 68,973,382	\$ 59,698,128	\$ 69,043,573
Services Rendered to Others	\$ 6,881,731	\$ 9,627,451	\$ 7,385,170
Other Revenue	\$ 3,866,352	\$ 3,516,322	\$ 287,400
Electrical Cogeneration	\$ 1,201,469	\$ 727,247	\$ 1,009,000
TOTAL OPERATING REVENUE	\$ 285,501,744	\$ 283,097,984	\$ 300,913,311
TOTAL CIP AND OPERATING REVENUE	\$ 308,279,102	\$ 317,718,850	\$ 543,232,659
TOTAL BALANCES AND REVENUES	\$ 645,233,566	\$ 562,966,630	\$ 728,767,551

⁽¹⁾ Fiscal Year 2002 Actuals based on Department Annual Financial Report.

⁽²⁾ Fiscal Year 2003 estimates based on Period 13 Data.

Metropolitan Wastewater

Revenue and Expense Statement (continued)

SEWER FUNDS 41506 & 41509	FY 2002 ACTUAL ⁽¹⁾	FY 2003 ESTIMATED ⁽²⁾	FY 2004 FINAL
EXPENSES			
CAPITAL IMPROVEMENTS PROGRAM (CIP)			
CIP Expenditures	\$ 123,398,302	\$ 134,911,521	\$ 118,762,099
Phase Funded CIP Projects	\$ -	\$ -	\$ 45,682,640
CIP Expenditures of Prior Year Appropriations	\$ -	\$ -	\$ 101,722,351
TOTAL CIP EXPENSES	\$ 123,398,302	\$ 134,911,521	\$ 266,167,090
OPERATING EXPENSE			
Department Expenditures & Encumbrances	\$ 199,476,237	\$ 162,552,434	\$ 225,702,474
Accrued Annual Leave and Sick Leave	\$ 649,139	\$ -	\$ -
Net Pension Liability	\$ 452,815	\$ -	\$ -
Unallocated Reserve	\$ -	\$ -	\$ 4,295,536
Assurance Program	\$ -	\$ -	\$ 8,000,000
Debt Service	\$ 76,009,293	\$ 79,967,783	\$ 81,943,030
TOTAL OPERATING EXPENSES	\$ 276,587,484	\$ 242,520,217	\$ 319,941,040
TOTAL CIP AND OPERATING EXPENSES	\$ 399,985,786	\$ 377,431,738	\$ 586,108,130
RESERVES			
Emergency Bond Reserve	\$ 5,000,000	\$ 5,000,000	\$ 5,000,000
45 Day Operating/Contingency Reserves	\$ 22,180,965	\$ 25,551,917	\$ 26,292,687
CIP Reserve for Cont. Appropriations and Encumbrances	\$ 163,828,852	\$ 101,722,351	\$ -
TOTAL RESERVES	\$ 191,009,817	\$ 132,274,268	\$ 31,292,687
BALANCE	\$ 54,237,963	\$ 53,260,624	\$ 111,366,734
TOTAL EXPENSE, RESERVE AND BALANCE	\$ 645,233,566	\$ 562,966,630	\$ 728,767,551

⁽¹⁾ Fiscal Year 2002 Actuals based on Department Annual Financial Report.

⁽²⁾ Fiscal Year 2003 estimates based on Period 13 Data.